

REMARKS

This responds to the Office Action dated December 21, 2006. Claims 2 and 23 are amended; as a result, claims 1-30 are pending in this application.

§101 Rejection of the Claims

Claims 23-27 were rejected under 35 USC § 101 as being directed to non-statutory subject matter. Applicant respectfully traverses the rejection as applied to the claims in their present form.

Claim 23 recites among other things, [a] method of multiplying in a multiplier circuit comprising: generating four circuit control signals to implement Booth encoding functions of negative, positive, multiply by one and multiply by two, from bits of a multiplier.

Applicant believes claims 23-27 to be allowable under 35 USC § 101 and respectfully requests reconsideration and allowance of claims 23-27.

§112 Rejection of the Claims

Claim 2 was rejected under 35 USC § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Applicant amended claim 2 in the manner suggested by the Examiner (*see* Office Action, pg. 2). Applicant respectfully requests reconsideration and allowance of claim 2.

Allowable Subject Matter

Claims 1, 3-22, and 28-30 were allowed. Applicant acknowledges the allowed subject matter.

Claim 2 was indicated to be allowable if rewritten to overcome the rejection(s) under 35 USC § 112 set forth in the Office Action. Claim 2 was rewritten in the manner suggested by the Examiner.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612-371-2172) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 14th day of March 2007.

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